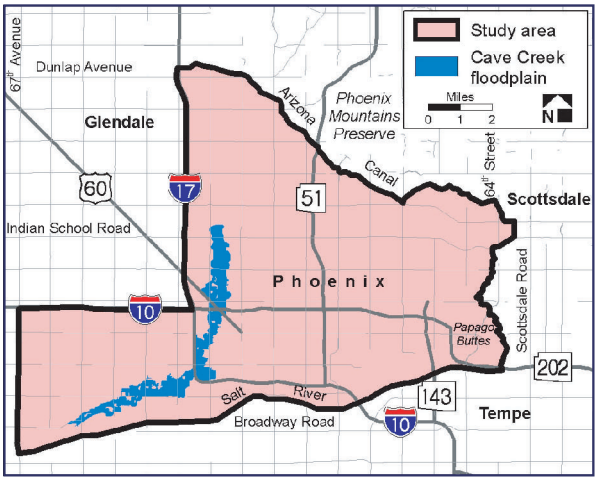
Metro Phoenix area drainage master plan

Study Introduction

The purpose of the Metro Phoenix Area Drainage Master Plan (ADMP) is to quantify the extent of drainage and flooding problems, sources, and hazards within portions of the Phoenix Metropolitan Area, and develop alternatives to mitigate the identified concerns.

What is the Metro Phoenix ADMP?

The Metro Phoenix ADMP is a comprehensive drainage study of the central area of Phoenix. The study team has begun a rigorous, multidisciplinary information gathering effort. This information will be the basis for developing drainage alternatives in the study area that are technically sound, environmentally sensitive, supported by the community, and complimentary to existing land use. The primary goal of the watershed study is to identify and develop alternatives for drainage and flooding issues in residential areas.



Study area map

Study Area

The Metro Phoenix ADMP study area covers the older, developed portion of Phoenix, which lies downstream of the Arizona Canal Diversion Channel and north of the Salt River, between Interstate 17 and the Papago Buttes. It is approximately 90 square miles in size. With the exception of very small parts of Scottsdale and Tempe along the eastern boundary, the study area is entirely within the city of Phoenix.

Study Description

The Metro Phoenix ADMP will consist of two phases. Phase I will identify and quantify known and potential flooding hazards. Phase II will include developing and recommending cost-effective flood control alternatives to alleviate or manage the identified flooding in the ADMP study area. This effort will include detailed analysis of alternatives and development of initial design drawings for the final recommended alternative.

Study Purpose

The purpose of the Metro Phoenix ADMP is to:

- quantify the extent of drainage and flooding problems, sources, and hazards in the Metro Phoenix study area
- develop alternative measures to mitigate the identified flooding problems
- develop a recommended alternative for the identified flooding problems

Study Objectives

The specific Metro Phoenix ADMP study objectives include:

- development of a comprehensive hydrologic model in order to quantify drainage and flooding hazards
- a restudy of the Cave Creek floodplain from the Grand Canal to the Salt River using newer, more detailed mapping
- identification of cost-effective flood control alternatives for those problems identified within the study area that may be implemented together or individually, based on scheduling, funding, and cost sharing

Flood Control District of Maricopa County

How could this study affect you?

The result of the Metro Phoenix ADMP will be a watershed-wide drainage plan that provides cost-effective and community-based flood control and drainage measures for the residents. To achieve this, the ADMP may include recommendations for structural or nonstructural alternatives. If the final recommended plan includes structural improvements (such as basins, storm drains, or channels) the Flood Control District of Maricopa County and project partners will be able to design and ultimately construct new flood control facilities in the study area as funding becomes available.

Your Input

It is important for the community to get involved with this project. Area residents have valuable experience and knowledge that could significantly influence this study's success. We invite and encourage your participation in this effort so that we can make flood control recommendations that will protect you and your family from flooding problems.

Ways to get involved

- Attend our public meetings
- Visit our Web site (www.fcd.maricopa.gov)
- Contact the Flood Control District's Project Manager (see right panel)
- Tell the study team about the flooding and drainage problems in your neighborhood
- Share your flooding and drainage problem photographs

For more information, contact:

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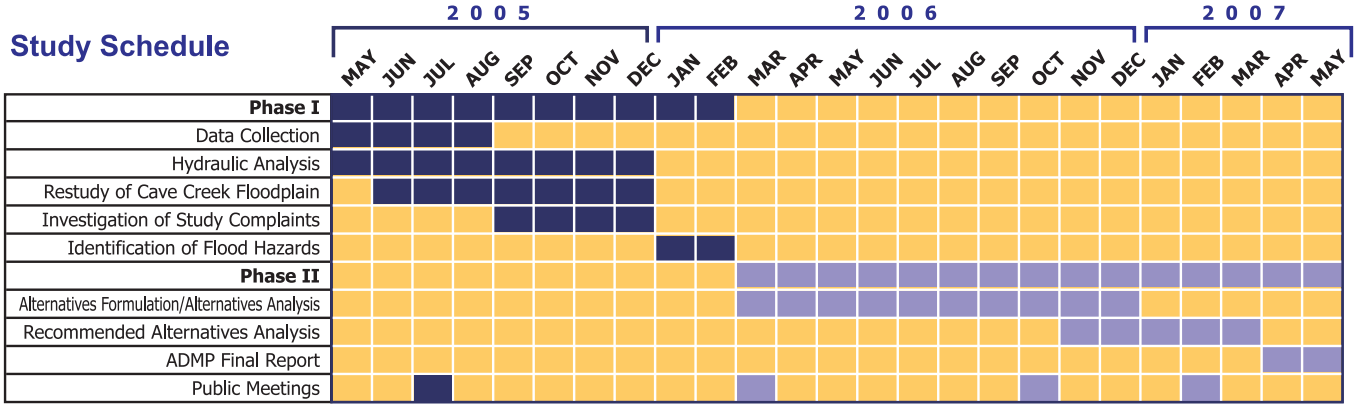
Study Schedule



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